RISO INC. TECHNICAL INFORMATION BULLETIN

Subject: T3/Master Cut Malfunction | Bulletin No: 53

☐ Factory Modification ☐ Field Modification ☐ Safety Information ☐ Technical Information ☒ General Information ☐ Adv. Tech Information	Applies to: RG	Modification Schedule: ☐ TBS ☐ Next Call ☐ Next PM ☒ As Necessary	Factory Installed _____ Field Installed _____ Fitting Time _____

SYMPTOM: ***T-3 Clamp Error During Master Making***

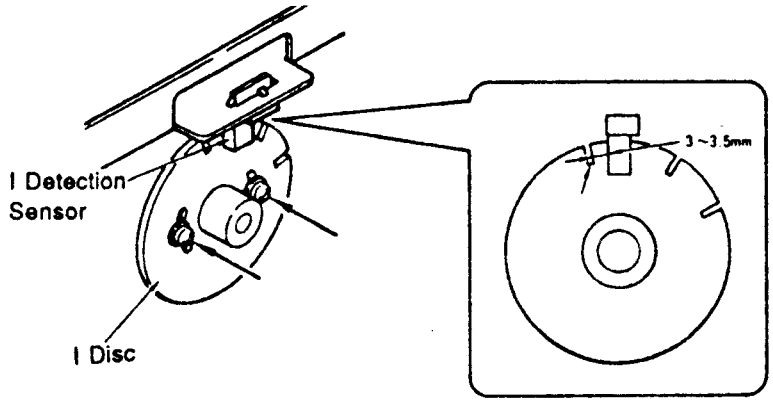
REFERENCE AREAS:

1. Angular magnet missing or loose -- Replace or tighten.
2. Solenoid stopper pad worn -- Replace or wrap with electrical tape.
3. Clamp bracket return spring too strong -- Adjust the tension by placing the return spring to the outer hole of the spring hanger. Slightly decrease the tension by bending the spring hanger down on its outer part. Insure there is adequate tension to return the clamp motor bracket by pushing it several times. Too little spring tension will also result in T-3 errors.
4. Adjustment of the "A" magnet -- Home the drum by pressing *3. Push the clamp motor bracket down and insure the drum does not shift. If the drum moves, adjust the "A" magnet sensor.
5. Adjustment of the angular sensor -- Install checker board and be sure the "A" magnet LED is on. Slightly rock the drum and observe the angular magnet LED's, 0° or 180°. Slightly rocking the drum should not cause the angular magnet LED's to go out. If it does, adjust the angular magnet sensor.

SYMPTOM: ***Master Cut Malfunction***

REFERENCE AREAS:

1. Insure the I1 slot is 3 mm from the corner of the I sensor.



2. Check for oil or grease in the cutter clutch assembly. The cutter assembly should not be lubricated at all!!!
3. Check for excess mechanical binds in the cutter blade drive system.

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